







1           13. The method of claim 12, wherein the source image describes a frame of a  
2 source image, the dividing step comprising:

3           selecting image data values describing a first portion of the frame to generate a  
4 right set of image data values; and

5           selecting image data values describing a second portion of the frame to generate a  
6 left set of image data values.

7

8           14. The method of claim 13, comprising:

9           sampling the source image signal.

10

11           15. The method of claim 10, wherein the step of displaying a right image  
12 comprises the step of displaying a right image of  $n \times m$  resolution, and the step of  
13 displaying a left image comprises the step of displaying a left image of  $n \times m$  resolution,  
14 wherein  $n$  and  $m$  are integers.

15

16           16. An image display device, the device comprising:

17           a controller arranged to utilize a first portion of image signal data to generate a  
18 right display signal, and to utilize a second portion of image signal data to generate a left  
19 display signal, the first portion of the image signal data and the second portion of the  
20 image signal data being obtained from a source image signal;

21           a right display operably connected to the controller to receive the right display  
22 signal and to utilize the right display signal to display a right image to a right eye of a user;

23           and

1 a left display operably connected to the controller to receive the left display signal  
2 and to utilize the left display signal to display a left image to a left eye of a user, wherein  
3 the right display signal differs from the left display signal.

4  
5 17. The image display device of claim 16, further comprising:  
6 an image source for generating the source image signal.

7  
8 18. The image display device of claim 16, wherein the controller comprises:  
9 a sampler, the sampler being disposed to receive the source image signal from the  
10 image source and to generate image signal data therefrom.

11  
12 19. The image display device of claim 16, wherein the image source includes a  
13 digital storage medium.

14  
15 20. The image display device of claim 16, further comprising:  
16 a right lens disposed to modify the image displayed by the right image display; and  
17 a left lens disposed to modify the image displayed by the left image display device.